In the Claims:

1.   A method for automatically generating program code, comprising:

creating a class file container object;

adding a method to the class file object;

adding code to the method;

generating Java byte code for the class file container object; and

generate an instance of the new class file object.

2.   The method of claim 1 wherein creating a class file container object includes:

setting attributes for a class file.

3.   The method of claim 2 the attributes include at least one of class file name, parent

super.

4.   The method of claim 1 wherein adding a method to the class file object includes:

adding a plurality of methods to the class file object.

5.   The method of claim 1 wherein adding code to the method includes

adding code to the method using constructs that correspond to programming

language statements, expressions, and variables.

6.   The method of claim 5 wherein the constructs include parameters.

7.	The method of claim 5 wherein each statement, expression type, variable is represented as an object.

8.	The method of claim 1 wherein generating Java byte code for the class file container object includes:

generating an intermediate representation of program flow.

9.	The method of claim 8 wherein generating Java byte code for the class file container object includes:

converting the intermediate representation into byte code.

10.	The method of claim 1 wherein the program code implements an adaptor class.

11.	The method of claim 1 wherein the program code implements a proxy class.